U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD 837 146 Substitute for Form PTO-875 OTHER THAN CLAIMS AS FILED - PART I SMALL ENTITY OR SMALL ENTITY (Column 2) (Column 1) RATE FEE NUMBER EXTRA RATE NUMBER FILED FOR BASIC FEE OR (37 CFR 1.16(a)) TOTAL CLAIMS X \$ OR minus 20 = (37 CFR 1.16(c)) INDEPENDENT CLAIMS x \$ OR minus 3 = (37 CFR 1.16(b)) OR (37 CFR 1.16(d)) MULTIPLE DEPENDENT CLAIM PRESENT TOTAL TOTAL OR * If the difference in column 1 is less than zero, enter "0" in column 2. CLAIMS AS AMENDED - PART II OTHER THAN OR (Column 3) SMALL ENTITY SMALL ENTITY (Column 2) (Column 1) HIGHEST CLAIMS ADDI-RATE PRESENT RATE ADDI-NUMBER REMAINING TIONAL **EXTRA** TIONAL **PREVIOUSLY** ENT **AFTER** FEE FEE AMENDMENT PAID FOR Minus Total (37 CFR 1.16(c)) ENDM OR X \$ Minus Independent (37 CFR 1.16(b)) 0 = OR X \$ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR + 5 TOTAL TOTAL OR ADD'L FEE ADD'L FEE (Column 1) (Column 2) (Column 3) HIGHEST CLAIMS ADDI-PRESENT ADDI-RATE RATE $\mathbf{\omega}$ REMAINING NUMBER TIONAL TIONAL **EXTRA** ENT **AFTER** PREVIOUSLY FEE FEE AMENDMENT PAID FOR Total (37 CFR 1.16(c)) Minus NOW OR Minus Independent X \$ OR 竝 FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR = TOTAL TOTAL ADD'L FEE OR ADD'L FEE (Column 2) (Column 3) (Column 1) CLAIMS HIGHEST ADDI-RATE PRESENT ADDI-RATE O REMAINING NUMBER TIONAL TIONAL **EXTRA PREVIOUSLY AFTER** ENDMENT FEE FEE **AMENDMENT** PAID FOR Total X \$ OR (37 CFR 1.16(c)) Independent (37 CFR 1.16(b)) Minus OR OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) TOTAL TOTAL OR ADD'L FEE ADD'L FEE

• If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
• If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
• If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information PATENT APPLICATION FEE DETERMINATION RECORD								unless it displays a valid OMB control number. Application or Docket Number		
Substitute for Form PTO-875								9/1	146,8	37
CLAIMS AS FILED – PART I (Column 1) (Column 2) SMALL ENTITY								OR	OTHER THAN SMALL ENTITY	
					D CYTRA	RATE	FEE		RATE	FEE
FOR NUMBER FILED BASIC FEE			R FILED	NUMBER EXTRA		RATE		1		\$
(37 C	FR 1.16(a))						\$	OR		
	L CLAIMS FR 1.16(c))		minus 20 = •			x \$=		OR	=	
	PENDENT CLAIM	IS	minus 3 = *			x \$=		OR	x \$=	
(07 OTT 1.10(0))						+\$ =		OR	+\$ =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))						L.*				
• If th	e difference in co	olumn 1 is less tha	n zero, en	ter "0" in column 2	2.	TOTAL		OR	TOTAL	
	CI	AIMS AS AMI	=NDFD	– PART II						
<i>-</i>	-6 -0°			. ,				OR		RTHAN
		(Column 1)		(Column 2)	(Column 3)	SMALL E	NTITY	1	SMALL	ENTITY
∢		CLAIMS REMAINING		HIGHEST NUMBER	PRESENT	RATE	ADDI-		RATE	ADDI-
	.	AFTER		PREVIOUSLY PAID FOR	EXTRA		TIONAL FEE			TIONAL FEE
AMENDMENT	Total	• 3 O	Minus	" (1	=	x \$ _=		OR	× \$=	
ᅙ	(37 CFR 1.16(c)) Independent	• • •	Minus	10	= /			OR	× \$ =	
뿔	(37 CFR 1.16(b))	13			L	x \$=		1		
∢	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+\$ =		OR	+\$=	
7	-5-0	3				TOTAL ADD'L FEE		OR	ADD'L FEE	
,	J	(Column 1)		(Column 2)	(Column 3)			-		
		CLAIMS		HIGHEST	PRESENT	RATE	ADDI-		RATE	ADDI-
AMENDMENT B		REMAINING AFTER		NUMBER PREVIOUSLY	EXTRA	1	TIONAL		1	TIONAL FEE
	Total	AMENDMENT	Minus	PAID FOR	= _		FEE_	1		
	(37 CFR 1.16(c))	30		32	=	x \$=	<u> </u>	OR	X \$=	
回	Independent (37 CFR 1.16(b))	13	Minus	" 10		x \$=		OR	x \$=	-
ΑÑ	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+\$ =		OR	+ \$=	
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
	フーエー	-03				ADDETEL				
		(Column 1)		(Column 2)	(Column 3)			7		
ပ		CLAIMS REMAINING		HIGHEST NUMBER	PRESENT	RATE	ADDI-		RATE	ADDI- TIONAL
		AFTER AMENDMENT		PREVIOUSLY PAID FOR	EXTRA		TIONAL FEE			FEE
AMENDMENT	Total	* / 2	Minus	" (L	=	x \$ _=		OR	× \$=	/
	(37 CFR 1.16(c)) Independent	. 3	Minus	" /0	= _		<u> </u>	OR	x \$=	_
						X \$=	-	1		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))						+\$=		OR	+ \$=	
						TOTAL ADD'L FEE	<u></u>	OR	ADD'L FEE	
	** If the "Highest	column 1 is less th Number Previous Number Previousl	v Paid For	" IN THIS SPACE	is less than 20,	enter "20" .				

"** If the "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, use including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD 835 Substitute for Form PTO-875 OTHER THAN CLAIMS AS FILED - PART I OR SMALL ENTITY SMALL ENTITY (Column 1) (Column 2) RATE FEE FEE NUMBER EXTRA RATE NUMBER FILED FOR ,7*90* BASIC FEE OR (37 CFR 1.16(a)) TOTAL CLAIMS OR -minus 20 = (37 CFR 1.16(c)) INDEPENDENT CLAIMS O O minus 3 OR X \$ (37 CFR 1.16(b)) OR MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) 33 X OR TOTAL TOTAL * If the difference in column 1 is less than zero, enter "0" in column 2. -6 -CLAIMS AS AMENDED - PART II OTHER THAN OR SMALL ENTITY SMALL ENTITY (Column 2) (Column 3) (Column 1) HIGHEST CLAIMS ADDI-RATE PRESENT ADDI-RATE NUMBER REMAINING TIONAL TIONAL **FXTRA PREVIOUSLY** ENDMENT **AFTER** FEE FEE PAID FOR AMENDMENT Minus Total OR (37 CFR 1.16(c)) Ô Minus = OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR + \$ = TOTAL TOTAL OR ADD'L FEE ADD'L FEE (Column 3) (Column 2) (Column 1) HIGHEST CLAIMS RATE ADDI-PRESENT RATE ADDI-മ NUMBER REMAINING TIONAL TIONAL **EXTRA** AFTER PREVIOUSLY ENDMENT FEE FEE AMENDMENT PAID FOR Minus Total (37 CFR 1.16(c)) 6 OR X \$ Independent (37 CFR 1.16(b)) Minus 10 X S OR ₹ OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) TOTAL TOTAL ADD'L FEE OR سلان ـ ADD'L FEE (Column 1) (Column 2) (Column 3) HIGHEST **CLAIMS** ADDI-RATE PRESENT ADDI-0 RATE REMAINING NUMBER TIONAL TIONAL **EXTRA AFTER PREVIOUSLY** ENDMENT FEE FEE AMENDMENT PAID FOR Total Minus ð OR X \$ (37 CFR 1.16(c)) Independent (37 CFR 1.16(b)) Minus 2 OR X \$ ₹ OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) TOTAL TOTAL OR ADD'L FEE ADD'L FEE * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.